

PRIORITY

OUT63247

03 OCT 67

S E C R E T

END OF MESSAGE

S/C NOTE: ALSO PASSED

25X1

[illegible]

At the 1000

~~*w/text~~

GROUP 1
Excluded from automatic
downgrading and
declassification

SECRET

MISSION GL 6-983

3 OCT 67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 6-983, 30 SEP 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

OUT63247

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGEM@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@.

1904

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@. AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM@, MEDIUM @76-100 MM@, HEAVY @OVER 100 MM@, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4@. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

HOLGUIN SAM SITE B27-2 CU 2052N 07627W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 7 MISSILE TRANSPORTERS @3 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, 9 ZIL-157V TRUCK TRACTORS, 2 CARGO TRUCKS, AND 1 TRUCK-MOUNTED CRANE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W
OB -- 6 EMPLACED LAUNCHERS, 5 MISSILE TRANSPORTERS, A FAN SONG RADAR, 3 ZIL-157V TRUCK TRACTORS, AND 6 VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

HOLGUIN SAM SITE WEST CU 2051N 07627W
OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

25X1

RANCHUELO SAM SITE A33-2 CU 2223N 08810W
OB -- 6 EMPLACED LAUNCHERS @1 WITH MISSILES@, 9 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH 2 VAN TRAILERS, 9 TRACKED PRIME MOVERS, 7 CARGO TRUCKS, 3 ADDITIONAL VAN TRAILERS, AND AT LEAST 20 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTA CLARA SAM SITE A34-2 CU 2229N 08800W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 11 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, 6 AAA PIECES, 12 TRUCK TRACTORS, 2 ADDITIONAL VAN TRAILERS, AND 2 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08810W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 11 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, 11 TRUCK TRACTORS, 4 CARGO TRUCKS, AND 4 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

OB -- 3 MISSILE TRANSPORTERS, 4 MISSILE CANISTER TRANSPORTERS, 3 TRUCK-MOUNTED CRANES, 10 CARGO TRUCKS, 1 LARGE CARGO TRAILER, AND NUMEROUS MISSILE CANISTERS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W
OB -- 6 EMPLACED LAUNCHERS WITH MISSILES, 1 MISSILE TRANSPORTER, AND A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

LA MAYA SAM SITE CU 2014N 07540W
OB -- 2 OCCUPIED LAUNCH POSITIONS, 4 MISSILE TRANSPORTERS, 5 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

LA ESPERANZA SAM ASSEMBLY AREA CU 2227N 08008W
OB -- 5 MISSILE TRANSPORTERS, 5 MISSILE CANISTER TRANSPORTERS, 8 TRUCK TRACTORS, 3 CARGO TRUCKS, 2 PROBABLE VAN TRUCKS, AND NUMEROUS MISSILE CANISTERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W
OB -- 23 FAGOT/FRESCO, 2 CRATE, 1 MORAVA L-200, AND 1 HOUND.

25X1

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W
OB -- 1 COKE, 1 C-47, 7 COLT, 6 HOUND, AND 1 POSSIBLE HOUND.

25X1

HOLGUIN AIRFIELD CU 2047N 07618W
OB -- 5 FISHBED, 20 FAGOT/FRESCO, 1 C-54, AND 1 HOUND.

25X1

ANTONIO MACEO AIRFIELD CU 1950N 07550W
OB -- 1 PROBABLE CRATE OBSERVED IN CLOUD-FREE AREAS.

25X1

CORONEL PASCUAL AIRFIELD CU 2307N 08117W
OB -- 1 CRATE.

25X1

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE CU 2208N 08027W
VESSELS -- 1 LARGE FREIGHTER.

25X1

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W
OB -- NONE OBSERVED.
OTHER VESSELS -- 8 FREIGHTERS AND 1 POSSIBLE TANKER.

25X1

NUEVITAS PORT CU 2132N 07715W
VESSELS -- 2 LARGE FREIGHTERS.

25X1

CAIBARIEN PORT CU 2231N 07928W
VESSELS -- NONE OBSERVED.

25X1

CARDENAS PORT CU 2302N 08111W
VESSELS -- 1 LARGE FREIGHTER AND 1 COASTAL FREIGHTER.

25X1

ELECTRONICS/COMMUNICATION

SANTA CLARA EW/GCI RADAR SITE CU 2229N 07956W
OB -- 1 EKENO CONFIGURED RADAR AND 3 VAN TRAILERS.

25X1

HOLGUIN EW/GCI RADAR SITE CU 2048N 07610W
OB -- 1 TOKEN RADAR

25X1

VARADERO LOW SIEVE RADAR SITE CU 2311N 08108W
OB -- NONE OBSERVED.

25X1

SAN MIGUEL EW/GCI RADAR SITE CU 2229N 07953W
OB -- 1 TOKEN-CONFIGURED RADAR, 2 VAN TRUCKS, AND 4
PROBABLE VAN TRAILERS.

25X1

MILITARY ACTIVITY
DOS CAMINOS MILITARY CAMP CU 2014N 07547W
OB -- 40 FA PIECES, 6 PROBABLE AAA PIECES, 30 PROBABLE
TRACKED PRIME MOVERS, AND AT LEAST 30 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANTANAMO AREA CU 2018N 07525W
NO NEW MILITARY ACTIVITY OBSERVED.
AREA 1 -- 50 PERCENT USEABLE COVERAGE.
AREAS 2 AND 9 -- 10 PERCENT USEABLE COVERAGE.
AREAS 3-5 AND 7 -- 60 PERCENT USEABLE COVERAGE.
AREAS 6 AND 8 -- 30 PERCENT USEABLE COVERAGE.

25X1

HOLGUIN MILITARY CAMP CU 2053N 07613W
OB MAIN CAMP -- 20 FA PIECES, 16 AAA PIECES, 12
MORTARS, 2 BTR-60P, 34 CARGO TRUCKS, 2 TRUCK-MOUNTED
CRANES, AND AT LEAST 30 OTHER VEHICLES/PIECES OF
EQUIPMENT.
OB WCAMP 2.2 NM SE -- 9 POSSIBLE TANKS/SP GUNS, 6 FA
PIECES, AND 12 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN MILITARY CAMP NW CU 2057N 07616W
OB -- 5 POSSIBLE AAA PIECES, 3 BTR-60P, 20 CARGO
TRUCKS, AND 3 UTILITY TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

REMEDIOS MILITARY AREA CU 2227N 07935W
OB -- 18 FA PIECES, 2 POSSIBLE FA PIECES, 147 CARGO
TRUCKS, 8 UTILITY TRUCKS, 1 VAN TRUCK, 1 POSSIBLE
TRUCK-MOUNTED CRANE, 1 PROBABLE BAT, 26 CANVAS-COVERED
VEHICLES/PIECES OF EQUIPMENT, AND 21 OTHER VEHICLES.
ACTIVITY -- 3 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

25X1

EL CRISTO MILITARY INSTALLATION CU 2010N 07547W
OB -- 18 PROBABLE TANKS/SP GUNS, 16 FA/AAA PIECES, AND
AT LEAST 70 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

MARTI ARMOR TRAINING AREA CU 2258N 08059W
OB -- 1 PROBABLE CARGO TRUCK.
NO APPARENT CHANGE IN FACILITIES.

25X1

MINAS MILITARY CAMP CU 2127N 07734W
OB -- 17 TANKS/SP GUNS AND 25 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

OFELIA MILITARY CAMP CU 2006N 07530W
OB -- 4 PROBABLE TANKS/SP GUNS, 12 CARGO TRUCKS, AND 10
OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

SANTA CLARA MILITARY AREA CU 2222N 88080W
 OB -- 2 TANKS/SP GUNS, 2 PROBABLE BTR-60P, 27 CARGO TRUCKS, 1 TANK TRUCK, AND 2 CARGO TRAILERS.
 NO APPARENT CHANGE IN FACILITIES.

SANTA CLARA ARTILLERY TRAINING AREA CU 2222N 88080W
 OB -- 4 POSSIBLE FA PIECES, 13 CARGO TRUCKS, AND AT LEAST 1 OTHER VEHICLE.
 NO APPARENT CHANGE IN FACILITIES.

SANTA CLARA MILITARY ACTIVITY CU 2220N 87957W
 OB -- NONE OBSERVED.
 NO APPARENT CHANGE IN FACILITIES.

LAS MERCEDES VEHICLE PARK CU 2224N 88081W
 OB -- 3 SA-2 MISSILE TRANSPORTERS, 9 CARGO TRUCKS, AND AT LEAST 40 OTHER VEHICLES.
 NO APPARENT CHANGE IN FACILITIES.

LA CHARCA MILITARY ACTIVITY CU 2246N 88036W
 OB -- 1 TANK/SP GUN, 3 PROBABLE TANKS/SP GUNS, 24 FA PIECES, 18 MORTARS, 36 BTR-60P, 75 CARGO TRUCKS, 18 UTILITY TRUCKS, 3 CARGO TRAILERS, AND 4 OTHER VEHICLES.
 ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
 NO APPARENT CHANGE IN FACILITIES.

PLAYA YATERITAS LANDING BEACH CU 1958N 87457W
 NO NEW MILITARY ACTIVITY OBSERVED.

NICARO LANDING BEACH CU 2042N 87533W
 ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE AT UTM 18QVT435875.
 QMAP REFERENCE -- AMS SERIES E723, SHEET 5878-II, 2D ED.

MIAS LANDING BEACH CU 2005N 87440W
 NO NEW MILITARY ACTIVITY OBSERVED.

PENINSULA DE HICACOS LANDING BEACH CU 2311N 88130W
 NO NEW MILITARY ACTIVITY OBSERVED.

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

CAYO DE SABINAL LANDING BEACH	2144N 87728W
THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--	
SANTIAGO DE CUBA SAM SITE 2	1958N 87549W
CONSTANCIA SAM SITE A10-2	2214N 88038W
MATANZAS PORT	2302N 88134W
CUABITAS MILITARY CAMP	2003N 87548W
LIMONAR MILITARY CAMP SE	2255N 88124W
LIMONAR TANK TRAINING AREA	2254N 88121W
SANTA CLARA MILITARY CAMP SANTA EULOGIA	2223N 87957W
MATANZAS LANDING BEACH	2301N 88126W
MAR VERDE LANDING BEACH	1957N 87556W